

UNIVERSAL FORMAT TRANSFORMATION BETWEEN RELATIONAL DATABASE  
MANAGEMENT SYSTEMS AND EXTENSIBLE MARKUP LANGUAGE USING XML  
RELATIONAL TRANSFORMATION

ABSTRACT OF THE DISCLOSURE

A program product, system and method for transforming data between an XML representation and a relational database system wherein a mapping description is created in a mark-up language such as XML and XSL. The mapping description specifying a set of conditions for source data to satisfy. When mapping to XML, an XML output format is specified in the mapping description and the data is formatted accordingly. When mapping to a RDBMS, actions to be executed on the RDBMS tables are specified in the mapping description and the actions are performed.